





## BASE PALETTE

**Glacial White**  
#F0E9D3 | 33%  
CMYK C2 M1 Y0 K1  
Primary snow and ice surface matching dominant reflective base mimicking fresh snow field

**Shadow Gray**  
#405558 | 20%  
CMYK C16 M8 Y0 K65  
Deep terrain/shadow cast by low angle winter sun, mimics shadow geometry on snow covered

**Exposed Rock Charcoal**  
#203338 | 15%  
CMYK C15 M4 Y0 K79  
Windwept exposed bedrock, dark volcanic soil patches, and shadow filled crevasses provide

**Twilight Blue-Gray**  
#008080 | 10%  
CMYK C19 M8 Y0 K24  
Mid-tone transition matching extended twilight periods and diffuse sky reflection on snow.

**Exposed Rock Charcoal/Shadow Gray blend 1**  
#3C4446 | 6%  
CMYK C14 M3 Y0 K73  
Luminance gap fill between Exposed Rock Charcoal and Shadow Gray (8L853)

**Lichen Bronze**  
#80604F | 4%  
CMYK C0 M14 Y34 K68  
Sparse tundra vegetation microfeatures and host-darkened organic matter accent color for

**Glacial Melt Blue**  
#7BA0D3 | 3%  
CMYK C26 M15 Y0 K29  
Partial ice break upon tundra ponds and glacial meltwater visible in terrain, macro-terrain

**Glacial Melt Blue/Glacial White blend 1**  
#94B0CF | 2%  
CMYK C26 M11 Y0 K19  
Luminance gap fill between Glacial Melt Blue and Glacial White (8L266)

**Glacial Melt Blue/Glacial White blend 2**  
#94B0CF | 2%  
CMYK C16 M7 Y0 K13  
Luminance gap fill between Glacial Melt Blue and Glacial White (8L266)

**Glacial Melt Blue/Glacial White blend 3**  
#D8E8EE | 3%  
CMYK C9 M4 Y0 K7  
Luminance gap fill between Glacial Melt Blue and Glacial White (8L266)

## PRINT SPECIFICATION

Repeat size: 127x127 (0.5 cm x 0.5 cm)

Export DPI: 100

Color mode: CMYK (convert from RGB before plate output)

Finish: Matte (no gloss, no optical brighteners)

Fabric: 50/50 cotton/nylon or 65/35 polyester/cotton

Seed: 705431

Data sources: NASA MODIS NDVI, OpenTopoData/SRTM, Open-Meteo

## BASE PALETTE

**Glacier Blue**  
 #4480B4 | 20%  
 CMYK C:40 M:22 Y: 0 K:46  
 Mid-tone base mimicking blue shadow cast by snow under clear night sky and glacial ice sur

**Midnight Black**  
 #1A1F24 | 10%  
 CMYK C:0 M:14 Y: 0 B:89  
 Exposed rock outcrops, shadow depth, and silhouetle breakup absorbs incident moonlight, m

**Compacted Snow**  
 #D8E3F0 | 15%  
 CMYK C:10 M: 0 K: 85  
 High albedo windwept snow patches and wind-soured ice crusts critical for breaking silh

**Rime Frost**  
 #90C0F0 | 12%  
 CMYK C:17 M: 0 Y: 81%  
 Secondary snow accumulation and frost-covered vegetation strengtens albedo than Compact

**Weathered Snow**  
 #B074B8 | 10%  
 CMYK C:21 M:10 Y: 44%  
 Exposed blue, boulder faces and deep shadow transitions bridge tone between snow and ba

**Rime Frost&Compacted Snow blend 1**  
 #C0D0E0 | 15%  
 CMYK C:10 M: 0 Y: 81%  
 Luminance gap fill between Rime Frost and Compacted Snow (8L,8D,1)

**Weathered Snow&Rime Frost blend 1**  
 #90A0B0 | 4%  
 CMYK C:0 M: 0 Y: 81%  
 Luminance gap fill between Weathered Snow and Rime Frost (8L,8D,1)

**Charcoal Tundra**  
 #2C3038 | 2%  
 CMYK C:17 M: 0 Y: 87%  
 Accent for extreme shadow recesses, burnt vegetation remnants, and thermal sink areas, etc

**Charcoal Tundra&Glacier Blue blend 1**  
 #506070 | 2%  
 CMYK C:33 M:14 Y: 85%  
 Luminance gap fill between Charcoal Tundra and Glacier Blue (8L,8D,2)

**Charcoal Tundra&Glacier Blue blend 2**  
 #405060 | 3%  
 CMYK C:40 M:0 Y: 87%  
 Luminance gap fill between Charcoal Tundra and Glacier Blue (8L,8D,3)

## PRINT SPECIFICATION

Repeat size: 127x127 (0.5 cm 0.305 cm)

Export DPI: 100

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Finish: Matte (no gloss, no optical brighteners)

Fabric: 50/50 cotton/nylon or 65/35 polyester/cotton

Seed: 709431

Data sources: NASA MODIS NDVI, OpenTopoData/SRTM, Open-Meteo